

What is claimed is:

1 1. A method for controlling a washing machine provided with a door having
2 means for determining an opened/closed status of the door, the method comprising steps of:
3 sensing a first wet laundry amount after initiating a wash cycle of a wash course;
4 sensing a second wet laundry amount upon detection of an abnormal open state of the
5 door during the wash cycle; and
6 controlling the wash course based on the most recently sensed wet laundry amount.

1 2. The method as claimed in claim 1, wherein said first wet laundry amount
2 sensing step is performed periodically throughout the wash cycle.

1 3. The method as claimed in claim 1, wherein the detection of an abnormal
2 open state of the door occurs during a predetermined time period following the initiation of
3 the wash cycle.

1 4. The method as claimed in claim 3, further comprising a step of:
2 resetting the wash cycle if the abnormal open state of the door occurs before a
3 predetermined point of the wash cycle.

1 5. The method as claimed in claim 4, wherein the wash cycle is divided into
2 three predetermined time intervals, a first of the three predetermined time intervals extending
3 from the initiation of the wash cycle to the predetermined point, a second of the three
4 predetermined time intervals extending from the predetermined point to the end of the

5 predetermined time period, and a third of the three predetermined time intervals extending
6 onward from the end of the predetermined time period.

1 6. The method as claimed in claim 5, wherein the first predetermined time
2 interval is allocated for said wash cycle resetting step, the second predetermined time interval
3 is allocated for said second wet laundry amount sensing step and said wash course controlling
4 step, and the third predetermined time interval is allocated for said wash course controlling
5 step only.

1 7. The method as claimed in claim 1, further comprising steps of:
2 sensing a dry laundry amount before initiating the wash cycle; and
3 supplying water to a tub according to the sensed dry laundry amount.